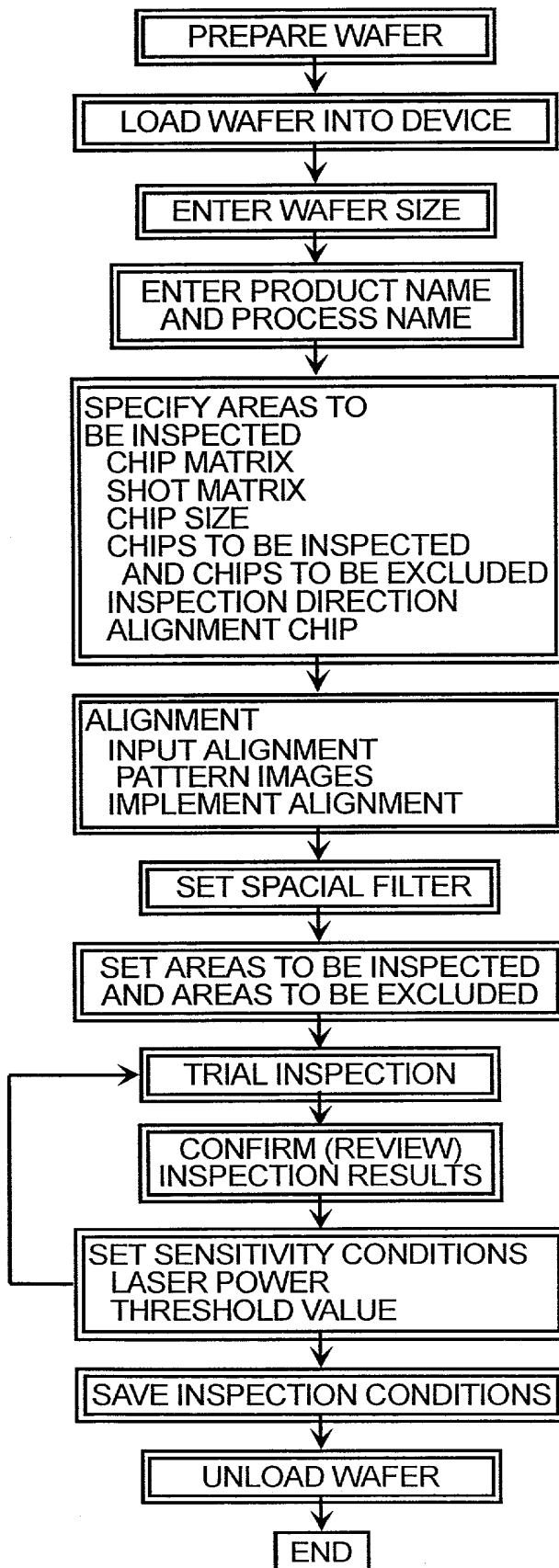


FIG.1

SETTING INSPECTION CONDITIONS (PRIOR ART)



ITEMS SET AND OPERATED BY WORKER

FIG.2

SETTING INSPECTION CONDITIONS

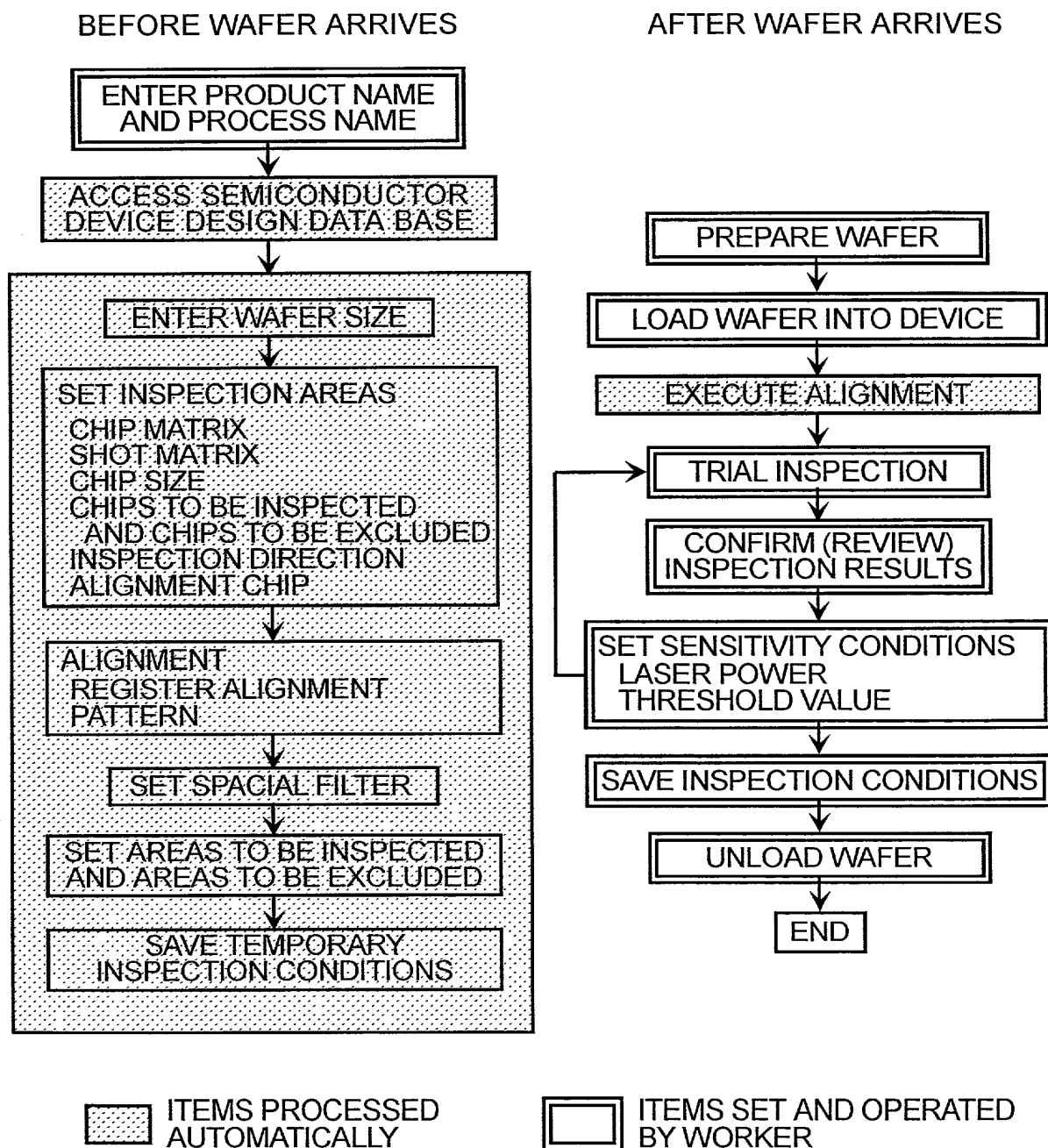
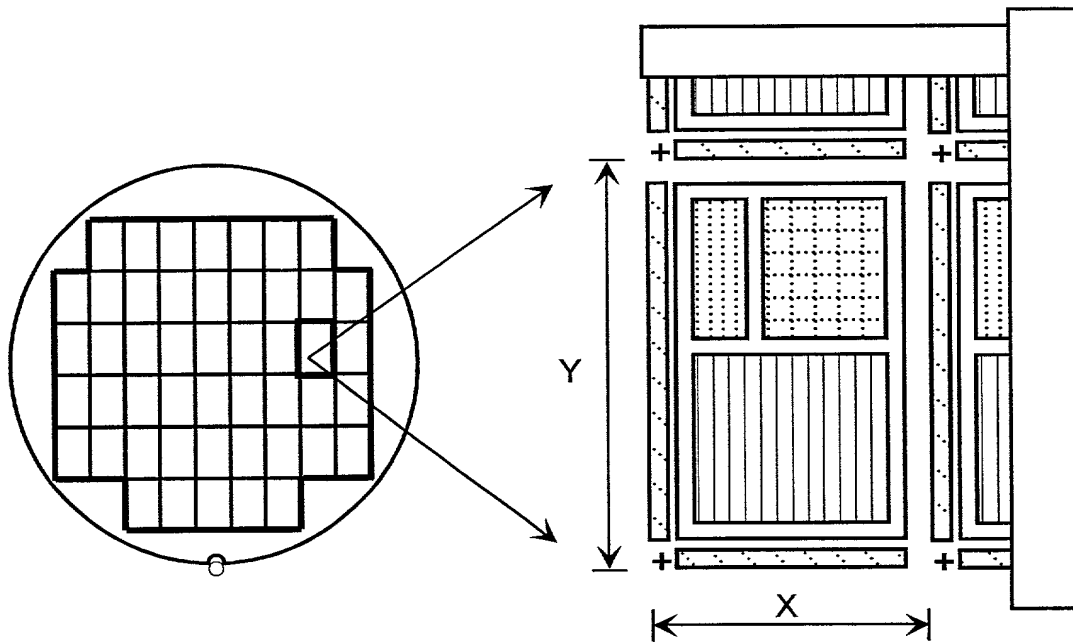
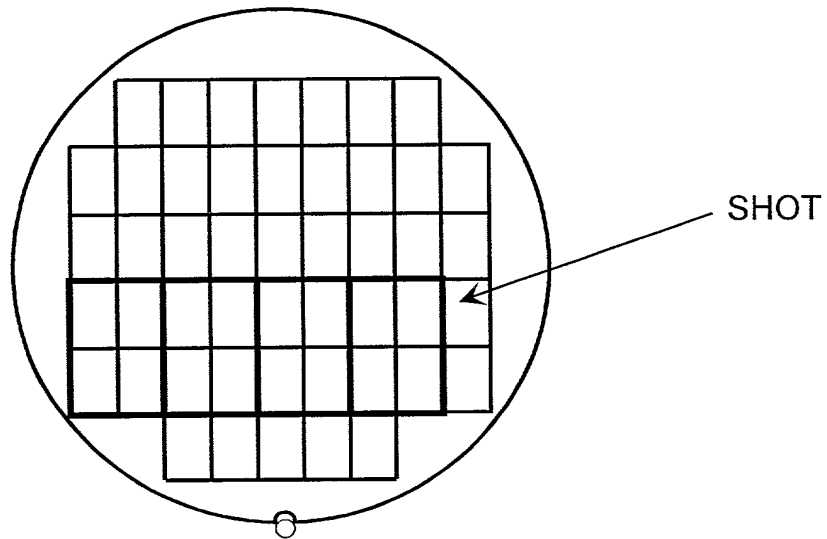


FIG.3



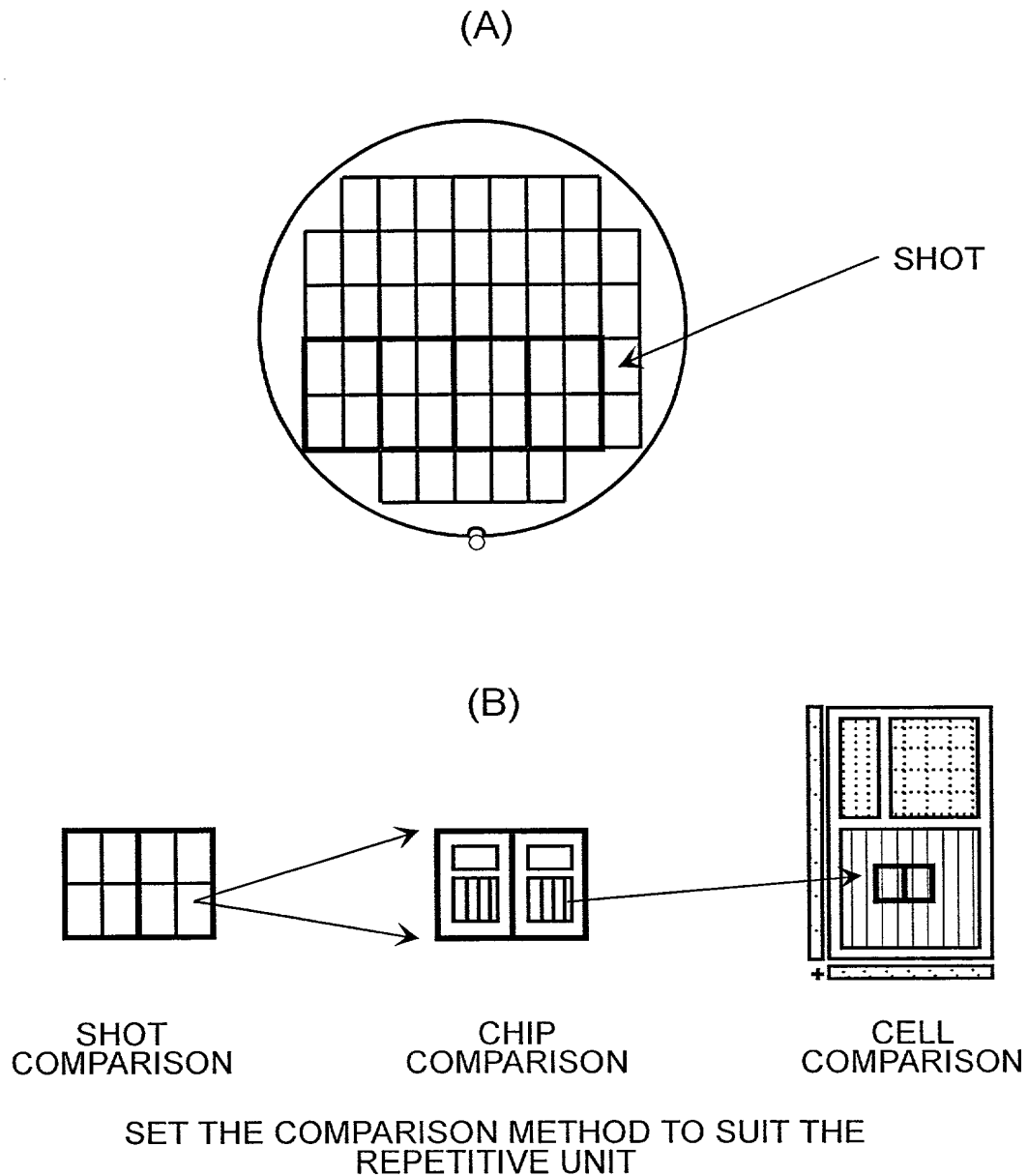
SETTING CHIP SIZE

FIG.4



SETTING SHOT MATRIX

FIG.5



SETTING THE INSPECTION SEQUENCE

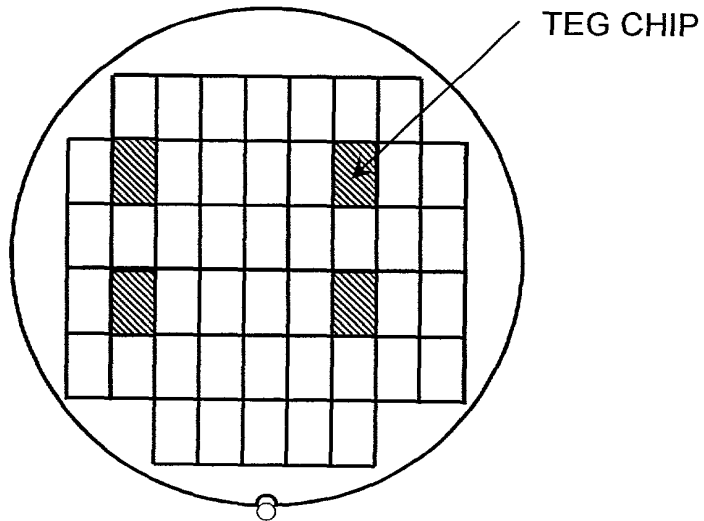
Applicant: Akira Hamamatsu, *et al.*

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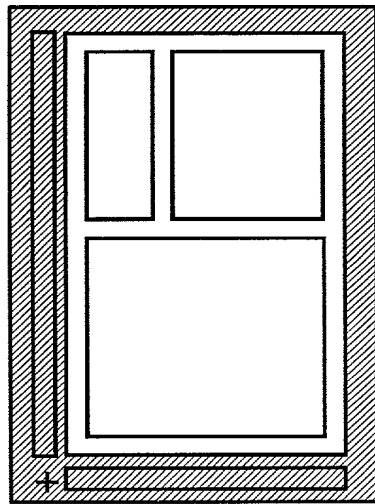
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FIG.6



SETTING CHIPS TO BE EXCLUDED
FROM INSPECTION

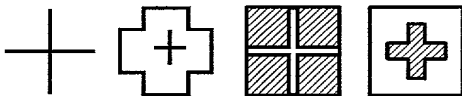
FIG.7



-  AREAS TO BE INSPECTED
-  AREAS EXCLUDED FROM INSPECTION (SCRIBE AREA)

SETTING AREAS TO BE INSPECTED
AND AREAS TO BE EXCLUDED

FIG.8



SELECT PATTERNS AND MATERIAL
THAT WILL MAKE IMAGES EASILY
RECOGNISABLE DURING ALIGNMENT

SETTING THE
ALIGNMENT PATTERN

FIG.9

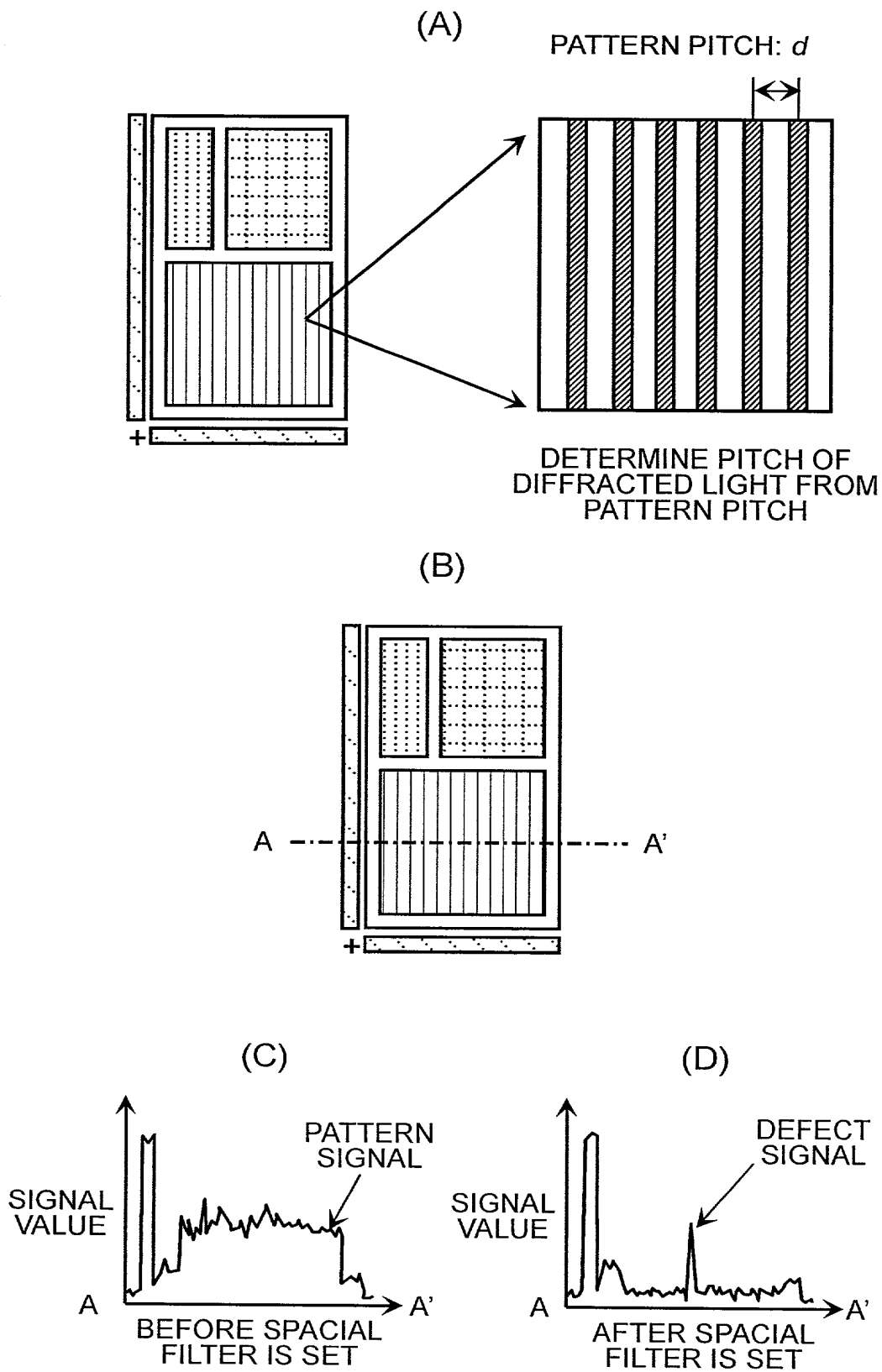
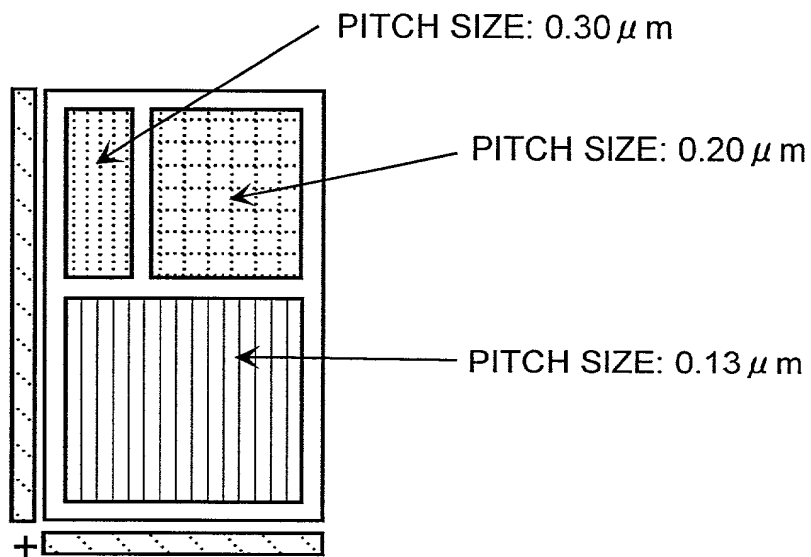
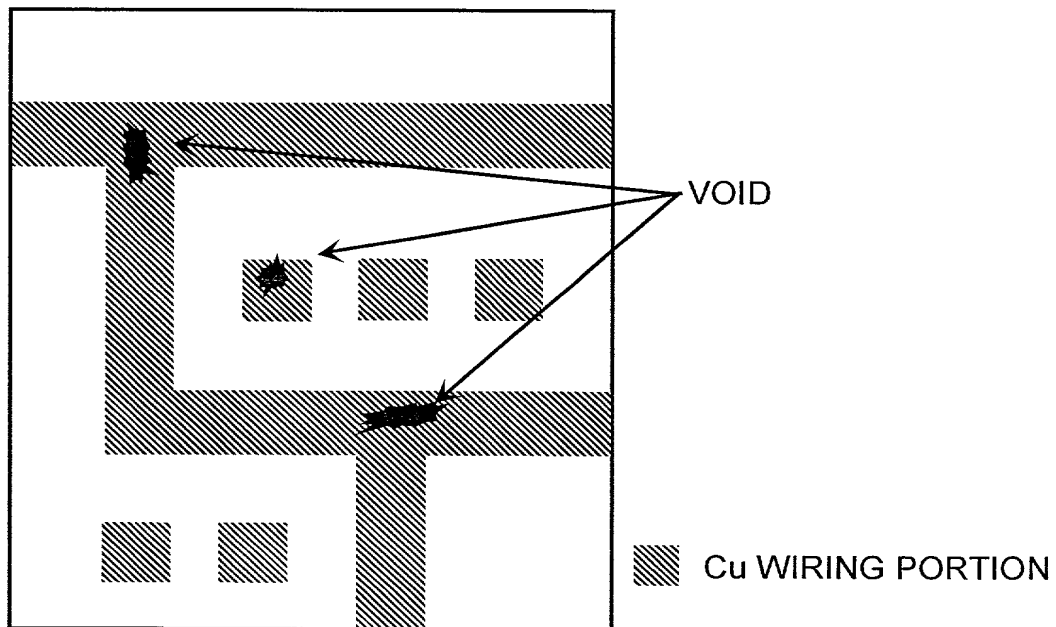


FIG.10



FATALITY JUDGEMENT
(BY PRODUCT, PROCESS, AND AREA)

FIG.11



AUTOMATIC DEFECT CLASSIFICATION
TECHNOLOGY

FIG.12

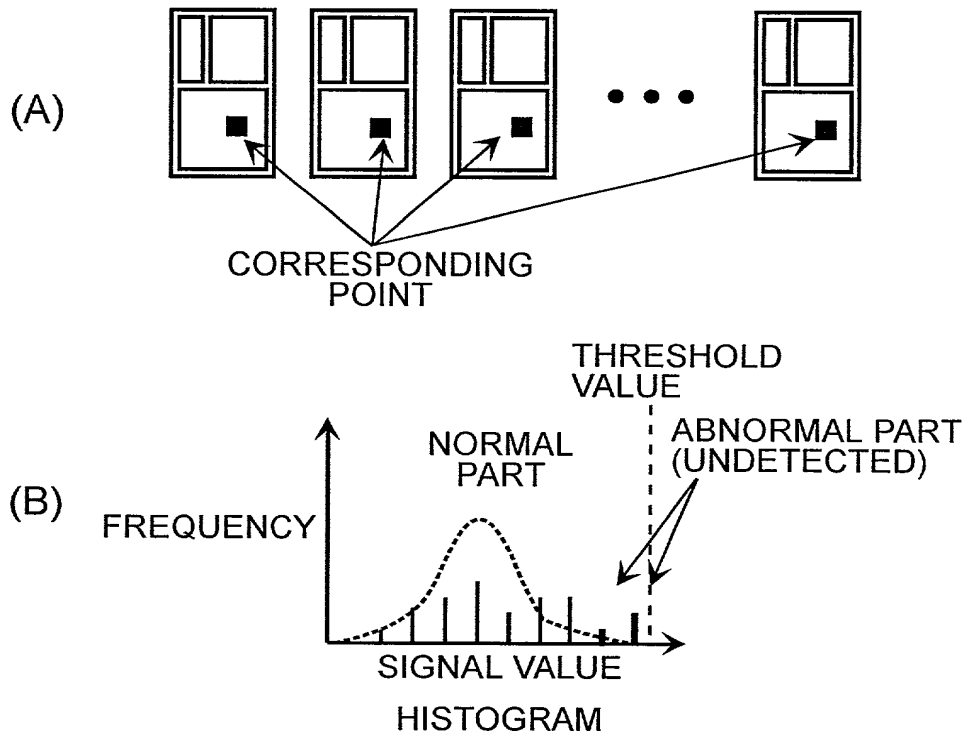
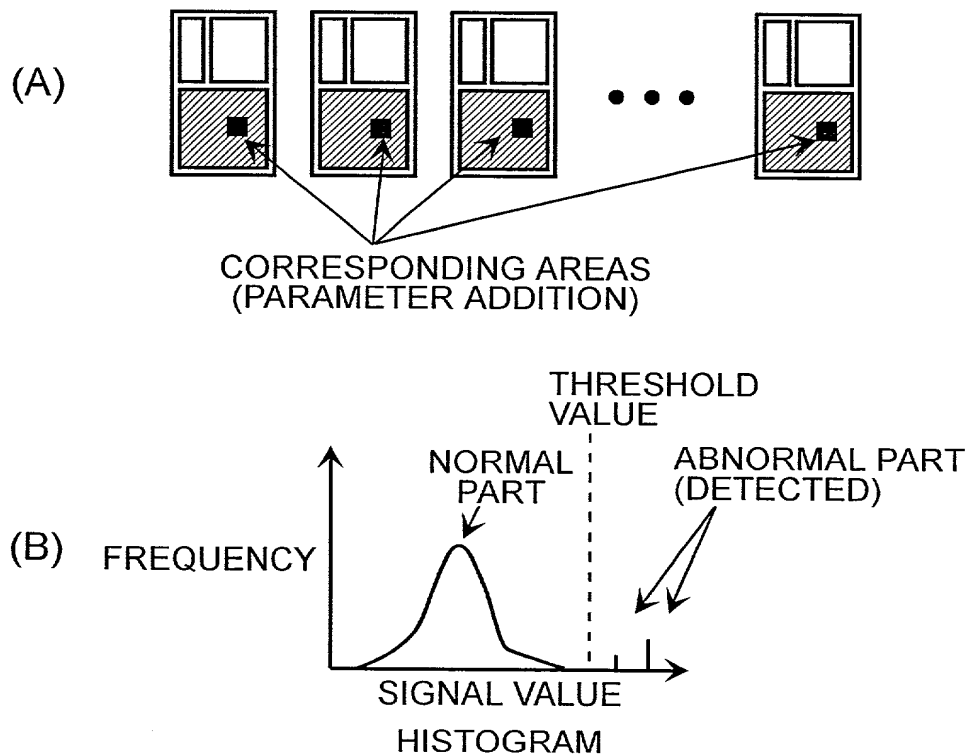


FIG.13



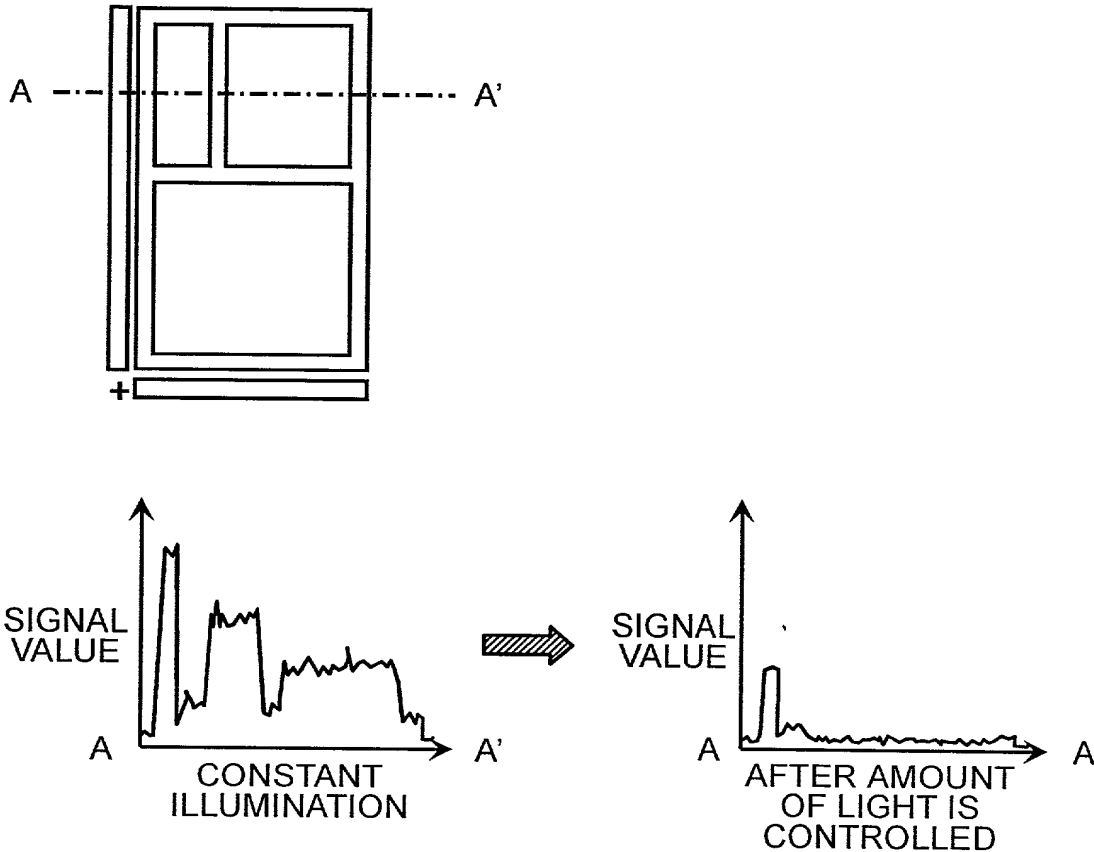
Applicant: Akira Hamamatsu, et al.

Title: Semiconductor Device Inspection Method

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FIG.14



ESTIMATE THE SIGNAL INTENSITY FROM PATTERN
PITCH AND CONTROL THE AMOUNT OF LIGHT

SETTING THE AMOUNT OF LIGHT

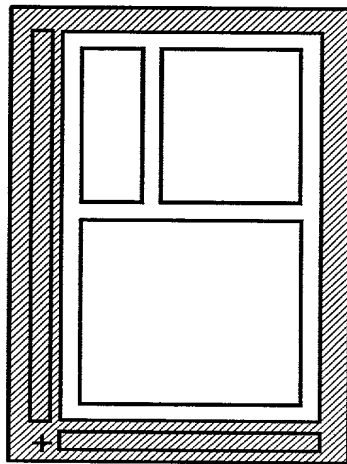
Applicant: Akira Hamamatsu, *et al.*

Title: Semiconductor Device Inspection Method

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FIG.15



AREAS IN WHICH MANY
FALSE ALARMS OCCUR

〔
SCRIBE AREA
AROUND MEMORY MAT
〕

SETTING AREAS IN WHICH
MANY FALSE ALARMS OCCUR